

**BIDIRECTIONAL LINE SWITCH RING SYSTEM AND METHOD****ABSTRACT OF THE INVENTION**

A system and method is provided which describe a self-healing bidirectional line switch ring (BLSR) communication node. Two interconnected relay elements, having default and duplex input and output ports, enable bidirectional communications through a node. In the event of a ring failure, the relays can be enabled to return communications to a source node so that the ring remains unbroken.